OCT 1 0 2006



PTO/SB/21 (07-06)

Approved for use through 09/30/2006. OMB 0851-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to resp pond to a collection of information unless it displays a valid OMB control number Application Number 10/534.312-Conf. #4877 Filing Date TRANSMITTAL May 9, 2005 First Named Inventor **FORM** Peter MALCOLM Art Unit N/A (to be used for all correspondence after initial filing) **Examiner Name** Not Yet Assigned Attorney Docket Number Total Number of Pages in This Submission 3 0112634.00122US1 ENCLOSURES (Check all that apply) After Allowance Communication Fee Transmittal Form Drawing(s) Appeal Communication to Board of Fee Attached Licensing-related Papers Appeals and Interferences Appeal Communication to TC Amendment/Reply Petition (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Proprietary Information Provisional Application Power of Attorney, Revocation Affidavits/declaration(s) Status Letter Change of Correspondence Address X Other Enclosure(s) (please Extension of Time Request Terminal Disclaimer References Cited (10) Express Abandonment Request Request for Refund Return Receipt Postcard x Information Disclosure Statement CD, Number of CD(s) Certified Copy of Priority Landscape Table on CD Document(s) Reply to Missing Parts/ Remarks Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name WILMER CUTLER PICKERING HALF AND DORR LLP Signature mider Printed name Michael A. Diener Date Reg. No. October 5, 2006 37.122

hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Dated: October 5, 2006 Signature: (Jody Begley)



Docket No.: 0112634.00122US1 (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Peter MALCOLM Confirmation No.: 4877

Application No.: 10/534,312 Art Unit: N/A

Filed: May 9, 2005 Examiner: Not Yet Assigned

Title: DATA STORAGE SYSTEM

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT (IDS)

Dear Sir:

This Information Disclosure Statement is being filed prior to the mailing date of a first Office Action on the merits. No fee is required.

Applicants request that the Examiner initial and return a copy of the enclosed Form PTO SB-08 with the next communication.

Respectfully submitted,

Dated: October 5, 2006

Michael A. Diener Registration No.: 37,122

Registration No.: 37,122 Attorney for Applicant(s)

Wilmer Cutler Pickering Hale and Dorr LLP 60 State Street Boston, Massachusetts 02109 (617) 526-6000 (telephone) (617) 526-5000 (facsimile)

US1DOCS 5870939v1



PTO/SB/08a/b (07-06)
Approved for use through 09/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Ciffice; U.S. DEPARTMENT OF COMMERC Under the Plaperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a vaid OMB control numbe Substituté for form 1449A/B/PTC

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)
Sheet 1 of 1

Complete If Known				
Application Number	10/534,312-Conf. #4877			
Filing Date	May 9, 2005	_		
First Named Inventor	Peter MALCOLM	_		
Art Unit	N/A			
Examiner Name	Not Yet Assigned	_		
Attorney Docket Number	0112634.00122US1	_		

U.S. PATENT DOCUMENTS						
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Patentee o		
Initials*	No.	Number-Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document Relevant Passages or Relevant Figures Appear		
	AA*	US-4,310,883	01-12-1982	Clifton et al.		
	AB*	US-6,378,054	04-23-2002	Karasudani et al.		
	AC*	US-20020147734-A1	10-10-2002	Shoup et al.		
	AD*	US-20030050729-A1	10-21-2003	Basham et al. wrong publication date		
	AE*	US-20030079084-A1	04-27-2004	Gotoh et al. wrong publication date		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Г
	No.	Country Code ³ -Number ⁴ -Kind Code ⁵ (#known)				T°
	ВА	EP-0312865	04-26-1989	International Business Machines Corp.		Г
	BB	EP-0351109	01-17-1990	Amdahl Corporation		
	ВС	WO-94/18634	08-18-1994	Large Storage Configurations, Inc.		
	BD	EP-1168176	01-02-2002	Hewlett-Packard Company		_
	BE	WO-02/101535	12-19-2002	Storage Technology Corporation		
	BF	JP-2003-006354	01-10-2003	Cannon		
	BG	WO-03/027891	04-03-2003	Commyault Systems Inc		

"EXAMINE: Initial of reference considered, whether or not clateria is a conformace with NEPP 600. Due the though clater if not in conformace and no considered. House decopy of this from with not communication to opened." CTER 60. These applications were those any makes with an amplication of the conformace and not to the Class A. are not supplied (order 37 CFR 1.58(8)2(8)) because that application was filed after June 30, 2000 or is a variable in the IFN. "Applicants under collations of the Class A. (and the Class A. (b) and the Class A. (b) and the Class A. (c) and the

	NON PATENT LITERATURE DOCUMENTS					
Initials No.1 magazine, journal, serial, symposium, catalog, etc.), date, page		Include name of the author (n CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2			
	CA	Sharick, P. "Expiration Dates and Retention Periods", Vax Professional, June (1988)	_			
	СВ	Harding et al., "Object Storage Hierarchy Management", IMB Systems Journal, Vol. 29, pp. 384-397 (1990)				
	CC	Collins et al., "Los Alamos HPDS: High Speed Data Transfer", IEEE, pp. 111-118 (1993)	_			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

'Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.

Examiner	/Son Hoang/ (04/29/2008)	Date	
			04/29/2008
Signature			
		Considered	